GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:3049
ANSWERED ON:16.03.2016
Generation of Electricity from Nuclear Sources
Parthipan Shri R.

Will the Minister of ATOMIC ENERGY be pleased to state:

(a) whether the country has a fair position in the world in terms of generation of electricity from nuclear sources and if so, the details thereof;

(b)the current status of installed nuclear power capacity in the country;

(c)whether several projects are progressing to completion; and

(d)if so, the details thereof along with the quantum of expected power generation by 2022?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (Dr. JITENDRA SINGH):

(a)Yes, Sir. India is at seventh position in terms of number of reactors in operation and fourteenth in terms of installed nuclear power capacity among countries with nuclear power in the world. India is also recognised globally as a country with advanced nuclear technologies.

(b)The present installed nuclear power capacity in the country is 5780 MW.

(c)Yes, Sir.

(d)The quantum of expected capacity by the year 2022 is 10080 MW. The details of reactors under construction/commissioning and to be completed progressively by 2022 are as follows:

Location Unit Capacity (MW)

Kudankulam, Tamil Nadu KKNPP-2 1000
Kakrapar, Gujarat KAPP 3&4 2 X 700
Rawatbhata, Rajasthan RAPP 7&8 2 X 700
Kalpakkam, Tamil Nadu PFBR 500

KKNPP - Kudankulam Nuclear Power Plant.
KAPP - Kakrapar Atomic Power Project.
RAPP - Rajasthan Atomic Power Project.
PFBR - Prototype Fast Breeder Reactor.
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